

REMARKS

This Application has been carefully reviewed in light of the Office Action mailed June 7, 2004. At the time of the Office Action, Claims 1-20 were pending in this Application. Claims 1-13 and 15-20 were rejected. Claim 14 was objected to as being dependent upon a rejected base claim. Applicant respectfully requests reconsideration and favorable action in this case.

Amendments to the Specification and Claims

The title of the Application has been amended to be clearly indicative of the invention to which the claims are directed. The specification has been amended to correct an informality in the claim to priority. Claim 21 has been added to present former Claim 14 in independent form. Claim 14 has been cancelled without prejudice or disclaimer. Claims 1 and 20 have been amended to further define various features of the Applicant's invention. All amendments are fully supported by the specification as originally filed. No new matter has been added.

Allowable Subject Matter

Applicant appreciates Examiner's consideration and indication that Claim 14 would be allowable if rewritten in independent form to include all of the limitations of the base claim and any intervening claims. Applicant has re-written originally filed dependent Claim 14 in independent form, and presented the re-written claim as Claim 21. The Applicant, therefore, respectfully requests allowance of Claim 21.

Rejections under 35 U.S.C. §102

Claims 1-12, 15-16 and 19 were rejected by the Office under 35 U.S.C. §102(b) as being anticipated by U.S. Patent 5,519,266 issued to Anwar Chitayat ("Chitayat"). The Applicant respectfully traverses these rejections for the reasons set forth below. In considering the Applicant's arguments, reference to Figure 3 of the present application, which provides an example of a single phase with four paths, may be helpful.

Claim 1

In rejecting Claim 1, the Office cited Figure 8 of Chitayat as teaching at least one phase by which the poles are wound and which has at least two parallel paths. In response to this rejection, Claim 1 has been amended to clarify that, generally, the at least one phase includes at least two parallel paths, and that the two parallel paths included in the at least one phase are used to wind the at least two poles of that phase. The Applicant submits that rather than the two parallel paths being part of a single phase, the prior art Chitayat in Figure 8 discloses a coil assembly driven by multiple phases (see Chitayat, Abstract in combination with col. 9, ll. 26-50). Indeed, Chitayat only discloses multi-phase windings without any parallel paths.

The Office's rejection of Claim 1 further cited Figure 4 of Chitayat as teaching that at least two of the paths differ from one another in the winding of at least one of the poles. In response to this rejection, Claim 1 has been amended to clarify, generally, that the parallel paths are paths included in the at least one phase. Rather than teaching that at least two of the parallel paths of the at least one phase differ from one another in the winding of at least one of the poles, Figure 4 of Chitayat discloses three different paths for three different phases.

Regarding yet another element of Claim 1, the Office relies again on Figure 8 to show that at least one pole is wound by at least two paths. Claim 1 has been amended to clarify that the at least one pole is wound by at least two paths of the at least one phase. The Applicant submits that although Figure 8 may disclose two paths from different phases winding a pole, it does not disclose two paths of the same phase winding a pole. This fact is supported by a review of Figure 8 that discloses two concentric coils which are not connected in parallel but, connected in series. This can be seen from Figures 3 and 4 and from column 7, lines 1-2, and column 8, line 67-column 9, line 1.

For at least these reasons, the Applicant submits that Chitayat does not teach or suggest each and every element of Claim 1, as amended. The Applicant, therefore, submits that Claim 1 is allowable, and respectfully requests the office to withdraw its rejection of Claim 1.

Claims 2-12, 15-16 and 19

Inasmuch as Claims 2-12, 15-16 and 19 depend from allowable independent Claim 1, either directly or indirectly, Claims 2-12, 15-16 and 19 are themselves allowable. The Applicant, therefore, respectfully requests the Office to withdraw its rejection of Claims 2-12, 15-16 and 19.

Rejections under 35 U.S.C. §103

Claims 13, 17-18, and 20 were rejected under 35 U.S.C. §103(a) as being unpatentable over Chitayat in view of U.S. Patent 4,417,192 issued to Shyamal-Krishna Ghosh ("Ghosh").

Claims 13 and 17-18

Inasmuch as Claims 13 and 17-18 depend, either directly or indirectly, from allowable independent Claim 1 Claims 13 and 17-18 are themselves allowable. The Applicant, therefore, respectfully requests the Office to withdraw its rejection of Claims 13 and 17-18.

Claim 20

Claim 20 has been amended to clarify, generally, that the paths winding the poles not only differ from one another in the winding of at least one of the poles, but are part of the at least one phase. Furthermore, Claim 20 now recites that at least one pole is wound by at least two paths of the at least one phase. In contrast to Claim 20, the sectional windings in Ghosh are not part of the same phase. Consequently, the combination of Chitayat and Ghosh, does not teach or suggest all elements of Claim 20. The Applicant, therefore, submits that Claim 20 is allowable, and respectfully requests the Office to withdraw its rejection of Claim 20.

CONCLUSION

Applicant has now made an earnest effort to place this case in condition for allowance in light of the amendments and remarks set forth above. Applicant respectfully requests reconsideration of Claims 1-13 and 15-20, as amended. The Applicant further requests allowance of Claim 21.

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PATENT APPLICATION
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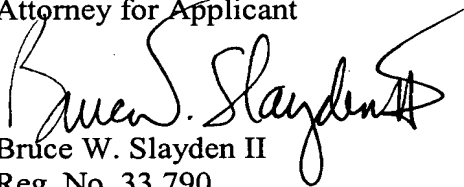
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Applicant encloses a Petition for Extension of Time for three-months and a check in the amount of \$980.00 for the extension fee. Applicant believes no other fees are due, however, the Commissioner is hereby authorized to charge any fees or credit any overpayment to Deposit Account No. 50-2148 of Baker Botts L.L.P. in order to effectuate this filing.

If there are any matters concerning this Application that may be cleared up in a telephone conversation, please contact Applicant's attorney at 512.322.2606.

Respectfully submitted,

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